

Attorney Docket No. 103152-2

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS : Minoru Mukaida  
SERIAL NO. : 09/740,345  
FILED : December 18, 2000  
FOR : ENERGY CONSUMPTION EFFICIENCY IMPROVING  
AGENT AND METHOD, AND ARTICLE HAVING  
IMPROVED ENERGY CONSUMPTION EFFICIENCY  
ART UNIT : 1773  
EXAMINER : Uhler, Nikolas J.

---

**DECLARATION UNDER RULE 1.132**

I, the undersigned declarant, hereby state as follows:

I am one of the named inventors in the above-referenced application.

I am a Japanese citizen residing at Shinagawa-ku, Japan.

I conducted the experiments set forth in detail in the following description,  
and I submit this declaration in support of the above-referenced application.

THIS PAGE LEFT BLANK

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**